

## INDEX TO VOLUME 64

By JANE R. DURHAM

**A**

Abbott, Waldo G., Baltimore oriole at Santa Barbara, California, 441

Ables, Ernest, and Schemmzitz, Sanford D., notes on the food habits of the great horned owl in western Oklahoma, 328

*Acanthis flammea*, 440

*Accipiter cooperii*, 34, 223, 447, 500  
  *striatus*, 223, 413, 447, 500  
  *suttoni*, 38  
  *velox*, 38

*Acrocephalus luscina syrinx*, 418, 428, 429, 436

*Actitis hypoleucus*, 418  
  *macularia*, 143, 224

*Aechmophorus mexicanus*, 256

*Aechmophorus occidentalis*, 223

*Aegolius acadicus*, 473-487  
  *ridgwayi*, 144  
  *ridgwayi tacanensis*, 144

*Aeronautes saxatalis*, 35, 79, 224  
  *saxatalis saxatalis*, 35  
  *saxatalis sclateri*, 35

*Aerornis*, 361  
  *semicollaris*, 361  
  *semex*, 361

*Agelaius phoeniceus*, 225, 265, 328, 440  
  *tricolor*, 81, 225, 232

*Agyrtia viridissima*, 320

*Aimophila*, 55  
  *cassinii*, 39  
  *humeralis*, 264, 269-272  
  *rufescens*, 264, 270-272  
  *rufescens gigas*, 152  
  *ruficauda*, 264, 271  
  *ruficeps*, 38  
  *ruficeps boucardi*, 38  
  *ruficeps eremoeca*, 38  
  *ruficeps tenuirostris*, 38

*Aix sponsa*, 223

Albatross, Black-browed, 443, 510  
  Black-footed, 6, 9  
  Laysan, 6, 9  
  White-capped, 443  
  Yellow-nosed, 443

Amadon, Dean, a new genus and species of Philip-pine bird, 3

*Amaurospiza*, 265, 266  
  *concolor*, 264-266, 272

*Amaurospizopsis relicta*, 265

*Amazilia*, 315-319, 321-322  
  *beryllina*, 255  
  *leucogaster*, 323  
  *leucogaster bahiae*, 315

*Ammodramus savannarum perpallidus*, 39

*Ammospiza*, 55  
  *caudacuta*, 240  
  *caudacuta nelsoni*, 240

*Amphispiza belli*, 225  
  *bilineata*, 38, 225  
  *bilineata bilineata*, 38  
  *bilineata grisea*, 38

*Anabernicula*, 242

*Anas*, 59, 61  
  *acuta*, 20, 223, 242, 291-299  
  *carolinensis*, 223, 242  
  *crecca*, 20, 34  
  *cyanoptera*, 34, 223  
  *discors*, 20, 223  
  *discors discors*, 34  
  *platyrhynchos*, 19, 223, 291  
  *poecilorhyncha pelewensis*, 416, 418, 422, 436  
  *strepera*, 223

Anderson, Anders H., and Anderson, Anne, life history of the cactus wren. Part V: fledgling to independence, 199

*Ani*, Groove-billed, 254  
  Smooth-billed, 234

*Anous stolidus pileatus*, 418, 423, 436  
  *stolidus stolidus*, 424  
  *tenuirostris marcus*, 416, 418, 424, 436

*Anser albifrons*, 223

*Anthus spinolletta*, 224, 239  
  *spinolletta rubescens*, 39

*Aphantochroa cirrochloris*, 320

*Aphelocoma coerulescens*, 134, 224  
  *coerulescens cyanotis*, 38  
  *ultramarina*, 271  
  *ultramarina couchii*, 38  
  *unicolor unicolor*, 147

*Apionis opacus angus*, 418-419, 431, 436

*Aptenodytes forsteri*, 497

*Aquila*, 242  
  *chrysaetos*, 34, 220, 223, 235-237, 242

*Archilochus alexandri*, 224, 320  
  *colubris*, 320, 324

*Ardea herodias*, 34, 177, 223

*Arenaria interpres interpres*, 418

*Asio flammeus*, 224, 473-487  
  *otus*, 473-487  
  *wilsonianus*, 242

*Aspatha gularis*, 145

*Asyndesmus lewisi*, 224

*Atlapetes*, 272  
  *brunnei-nucha*, 152  
  *gutturalis griseipectus*, 152  
  *pileatus*, 266-267  
  *virenticeps*, 267-268, 272

*Atlapetes*, Green-striped, 267-268, 272

Rufous-capped, 266-267

## INDEX TO VOLUME 64

By JANE R. DURHAM

**A**

Abbott, Waldo G., Baltimore oriole at Santa Barbara, California, 441

Ables, Ernest, and Schemmzitz, Sanford D., notes on the food habits of the great horned owl in western Oklahoma, 328

*Acanthis flammea*, 440

*Accipiter cooperii*, 34, 223, 447, 500  
  *striatus*, 223, 413, 447, 500  
  *suttoni*, 38  
  *velox*, 38

*Acrocephalus luscina syrinx*, 418, 428, 429, 436

*Actitis hypoleucus*, 418  
  *macularia*, 143, 224

*Aechmophorus mexicanus*, 256

*Aechmophorus occidentalis*, 223

*Aegolius acadicus*, 473-487  
  *ridgwayi*, 144  
  *ridgwayi tacanensis*, 144

*Aeronautes saxatalis*, 35, 79, 224  
  *saxatalis saxatalis*, 35  
  *saxatalis sclateri*, 35

*Aerornis*, 361  
  *semicollaris*, 361  
  *semex*, 361

*Agelaius phoeniceus*, 225, 265, 328, 440  
  *tricolor*, 81, 225, 232

*Agyrtia viridissima*, 320

*Aimophila*, 55  
  *cassinii*, 39  
  *humeralis*, 264, 269-272  
  *rufescens*, 264, 270-272  
  *rufescens gigas*, 152  
  *ruficauda*, 264, 271  
  *ruficeps*, 38  
  *ruficeps boucardi*, 38  
  *ruficeps eremoeca*, 38  
  *ruficeps tenuirostris*, 38

*Aix sponsa*, 223

Albatross, Black-browed, 443, 510  
  Black-footed, 6, 9  
  Laysan, 6, 9  
  White-capped, 443  
  Yellow-nosed, 443

Amadon, Dean, a new genus and species of Philip-pine bird, 3

*Amaurospiza*, 265, 266  
  *concolor*, 264-266, 272

*Amaurospizopsis relicta*, 265

*Amazilia*, 315-319, 321-322  
  *beryllina*, 255  
  *leucogaster*, 323  
  *leucogaster bahiae*, 315

*Ammodramus savannarum perpallidus*, 39

*Ammospiza*, 55  
  *caudacuta*, 240  
  *caudacuta nelsoni*, 240

*Amphispiza belli*, 225  
  *bilineata*, 38, 225  
  *bilineata bilineata*, 38  
  *bilineata grisea*, 38

*Anabernicula*, 242

*Anas*, 59, 61  
  *acuta*, 20, 223, 242, 291-299  
  *carolinensis*, 223, 242  
  *crecca*, 20, 34  
  *cyanoptera*, 34, 223  
  *discors*, 20, 223  
  *discors discors*, 34  
  *platyrhynchos*, 19, 223, 291  
  *poecilorhyncha pelewensis*, 416, 418, 422, 436  
  *strepera*, 223

Anderson, Anders H., and Anderson, Anne, life history of the cactus wren. Part V: fledgling to independence, 199

*Ani*, Groove-billed, 254  
  Smooth-billed, 234

*Anous stolidus pileatus*, 418, 423, 436  
  *stolidus stolidus*, 424  
  *tenuirostris marcus*, 416, 418, 424, 436

*Anser albifrons*, 223

*Anthus spinolletta*, 224, 239  
  *spinolletta rubescens*, 39

*Aphantochroa cirrochloris*, 320

*Aphelocoma coerulescens*, 134, 224  
  *coerulescens cyanotis*, 38  
  *ultramarina*, 271  
  *ultramarina couchii*, 38  
  *unicolor unicolor*, 147

*Apionis opacus angus*, 418-419, 431, 436

*Aptenodytes forsteri*, 497

*Aquila*, 242  
  *chrysaetos*, 34, 220, 223, 235-237, 242

*Archilochus alexandri*, 224, 320  
  *colubris*, 320, 324

*Ardea herodias*, 34, 177, 223

*Arenaria interpres interpres*, 418

*Asio flammeus*, 224, 473-487  
  *otus*, 473-487  
  *wilsonianus*, 242

*Aspatha gularis*, 145

*Asyndesmus lewisi*, 224

*Atlapetes*, 272  
  *brunnei-nucha*, 152  
  *gutturalis griseipectus*, 152  
  *pileatus*, 266-267  
  *virenticeps*, 267-268, 272

*Atlapetes*, Green-striped, 267-268, 272

Rufous-capped, 266-267

Atthis ellioti ellioti, 144  
*Aulacorhynchus prasinus*, 145  
  *prasinus prasinus*, 145  
  *prasinus stenorhabdus*, 145  
*Auriparus flaviceps*, 224  
  *flaviceps ornatus*, 38  
*Avocet*, American, 224-225, 229  
*Aythya affinis*, 223  
  *americana*, 223  
  *collaris*, 31, 223, 230  
  *marila*, 163, 223  
  *valisineria*, 223

**B**

Baeppler, Donald H., the avifauna of the Soloma region in Huehuetenango, Guatemala, 140  
Bailey, Alfred M., nesting of the Galapagos penguin and the Galapagos sooty gull, 159  
Baker, James K., associations of cave swallows with cliff and barn swallows, 326; the manner and efficiency of raptor depredations on bats, 500  
Bakus, Gerald J., early nesting of the Costa hummingbird in southern California, 438  
Bananaquit, 92, 98, 107-108, 114-115  
Banks, Richard C., Lapland longspur in México, 329  
Bartholomew, George A., and Howell, Thomas R., temperature regulation in the red-tailed tropic bird and the red-footed booby, 6  
Bartholomew, George A., Hudson, Jack W., and Howell, Thomas R., body temperature, oxygen consumption, evaporative water loss, and heart rate in the poor-will, 117  
Bartholomew, George A., and Poulson, Thomas L., salt utilization in the house finch, 245  
Bartramia longicauda, 143  
*Basileuterus belli scitulus*, 151  
  *rufifrons*, 264  
  *rufifrons salvini*, 151  
Becard, Rose-throated, 255  
Billeb, Stephen L., occurrence of great gray owls in Mono County, California, 164  
Bittern, American, 223, 228  
  Chinese Least, 418, 421  
  Least, 223  
Blackbird, Brewer, 225  
  Redwinged, 225-226, 228-230, 265, 328, 440  
  Tricolored, 81, 86, 89-90, 225, 232  
  Yellow-headed, 225, 227, 229  
Bluebird, Common, 149  
  Eastern, 260  
  Mountain, 224-225  
  Western, 224  
Bobolink, 19, 390-401  
Bobwhite, 329, 414  
*Bombycilla cedarorum*, 39, 149, 224  
Booby, Brown, 418, 420, 512  
  Red-footed, 6, 12-17, 418, 420  
Botaurus lentiginosus, 223

Brandt, John H., nests and eggs of the birds of the Truk Islands, 416  
*Branta canadensis*, 223, 230, 454  
  *canadensis leucopareia*, 230  
  *canadensis minima*, 230  
*Broadbill*, Micronesian, 418, 431-432  
*Brush-Finch*, Chestnut-capped, 152  
  Yellow-throated, 152  
*Bubo virginianus*, 224, 242, 328, 465, 500  
  *virginianus occidentalis*, 513  
  *virginianus pallescens*, 38  
*Bucephala alboola*, 34, 223  
  *clangula*, 223  
  *islandica*, 163  
*Bufflehead*, 34, 223, 225  
*Bunting*, Indigo, 152  
  *Lazuli*, 225, 228, 266  
  Snow, 441  
*Busarellus nigricollis*, 156  
*Bushtit*, Black-eared, 36, 147, 258  
  Common, 224, 399  
*Buss*, Irven O., Yocom, Charles F., and Crispens, Charles G., Jr., additional data on food of California quail in eastern Washington, 166  
*Buteo*, 242  
  *albonotatus*, 38, 223  
  *jamaicensis*, 77, 223, 242, 400, 447, 500  
  *jamaicensis calurus*, 34, 78  
  *jamaicensis costaricensis*, 77-78, 143  
  *jamaicensis fuertesi*, 34, 78  
  *jamaicensis hadropus*, 77-78  
  *jamaicensis kemsiesi*, 77-78  
  *lagopus*, 439  
  *magnirostris*, 156  
  *nitidus*, 156, 254  
  *platypterus*, 400  
  *poecilochrous*, 277-282, 284-289  
  *polyosoma*, 277-289  
  *polyosoma exsul*, 287, 289  
  *polyosoma peruviensis*, 287  
  *polyosoma poecilochrous*, 277, 289  
  *polyosoma polyosoma*, 287-288  
  *regalis*, 223, 500  
  *swainsoni*, 223, 400, 500  
  *unicolor*, 281  
*Buteogallus aequinoctialis*, 156-157  
*Butorides virescens*, 223

**C**

*Cacus uropygialis*, 93  
*Cacique*, Scarlet-rumped, 93  
Cade, Tom J., and Hobbie, John E., observations on the breeding of golden eagles at Lake Peters in northern Alaska, 235  
*Calcarius lapponicus*, 225, 233, 329  
  *lapponicus lapponicus*, 329  
  *ornatus*, 225, 233, 239  
*Callipepla squamata*, 38, 328, 414  
*Calothorax lucifer*, 36  
*Calypte anna*, 139, 235, 315, 320, 322, 324  
  *costae*, 224, 324, 438

Campstoma imberbe, 257  
 Campylorhynchus brunneicapillus, 36, 199-212  
     brunneicapillus couesi, 36  
     brunneicapillus guttatus, 36  
     zonatus, 145, 209  
     zonatus vulcanius, 148  
 Canvasback, 223  
 Capella gallinago, 35, 224, 441  
 Caprimulgus ridgwayi, 161, 254  
     vociferus, 35  
     vociferus chiapensis, 144  
     vociferus oaxacae, 35  
 Caracara, Black, 157  
     Yellow-headed, 156, 158  
 Cardellina rubrifrons, 151  
 Cardinal, 124, 187-188, 190, 195-196, 328  
 Carduelis, 41  
 Carpodacus mexicanus, 138, 225, 245-252  
     mexicanus potosinus, 39  
     purpureus, 225  
 Casmerodius albus, 223  
 Cassidix, 57, 81-82, 90  
     major, 81-82, 84, 86-90  
     mexicanus, 81-82, 84, 87-89, 151, 264  
     mexicanus prosopidicola, 39  
 Catbird, 187-190, 192  
 Catharacta skua, 496, 511  
     skua macroura, 488  
 Cathartes aura, 142, 223, 234-235  
     aura teter, 38  
 Catharus, 59, 272  
     aurantiirostris, 259-260, 264  
     occidentalis, 259  
     occidentalis alticola, 149  
     occidentalis fulvescens, 37  
 Cathartes mexicanus, 258  
     mexicanus albifrons, 38  
 Catoptrophorus semipalmatus, 224, 231  
 Centrocercus urophasianus, 242  
 Centurus, 57  
     aurifrons, 36  
     aurifrons aurifrons, 36  
     aurifrons incanescens, 36  
     carolinus, 128  
 Certhia familiaris, 224, 231, 258  
     familiaris albescens, 38  
     familiaris pernigra, 148  
 Ceryle alcyon, 36  
     alcyon alcyon, 36  
     alcyon curaiva, 36  
 Chachalaca, Black, 143  
 Chaetura rutilis, 361  
     vauxi, 224  
 Chaffinch, 375, 399  
 Chalybura, 300, 307-308  
     buffonii, 302  
     melanorrhoa, 300-310  
     urochrysia incognita, 301  
     urochrysia, 300-310  
     urochrysia incognita, 301-302, 307-309  
     urochrysia isaura, 300-309

urochrysia melanorrhoa, 300-309  
 urochrysia urochrysia, 301-302, 307, 309-310  
 Chamaethlypis poliocephala, 262-263  
 Charadrius alexandrinus, 224, 230  
     mongolus stegmanni, 418  
     semipalmatus, 163  
     vociferus, 143, 224, 478  
 Chat, Ground, 262-263  
     Red-breasted, 262  
     Yellow-breasted, 225-227, 229  
 Chen caerulescens, 19, 163  
     hyperborea, 163, 223  
 Chickadee, Chestnut-backed, 164  
     Mexican, 36, 258  
 Chlidonias niger, 224  
 Chlorestes, 316-319, 321-322  
     notatus, 323  
     notatus cyanogenys, 315  
 Chlorophanes, 113-114  
     spiza, 92  
 Chlorophonia, 113  
 Chlorospingus ophthalmicus, 506  
     ophthalmicus dwighti, 151-152  
     ophthalmicus postocularis, 151-152  
 Chlorostilbon canivetii, 254  
 Chlorura chlorura, 39, 225, 232  
 Chondestes grammacus, 225  
     grammacus strigatus, 39  
 Chondrohierax uncinatus, 154  
 Chordeiles acutipennis, 224  
     minor, 224  
 Ciccaba virgata, 266  
 Ciconia ciconia, 181  
 Cinclus mexicanus anthonyi, 148  
 Circus brasiliensis, 156  
     cyaneus, 38, 223, 500  
 Clytolaema rubricauda, 320  
 Coccyzus americanus, 35, 254  
     erythrophthalmus, 35, 143  
 Coereba, 114-115  
     flaveola, 92  
 Colaptes auratus 188, 224  
     cafer, 224, 255  
     cafer mexicanoides, 145  
     cafer nanus, 36  
 Colibri serrirostris, 320  
     thalassinus, 144  
 Colinus virginianus, 414  
 Collins, Charles T., and Snow, David W., social breeding behavior of the Mexican tanager, 161  
 Collocalia inexpectata, 361  
     inquieta rukenensis, 416-418, 427-428, 436  
 Columba, 69-71, 74, 468  
     albinucha, 71  
     albitorques, 72  
     araucana, 71, 74  
     argentina, 72  
     arquatrix, 71, 73  
     bolillii, 71, 73  
     caribaea, 71, 73-74

delagorguei, 72  
 elphinstonii, 71  
 eversmanni, 70, 72  
*fasciata*, 70–71, 73–74, 143, 445–470  
*albilineata*, 73  
*fasciata fasciata*, 38  
*hodgsonii*, 71, 73  
*iriditorques*, 72  
*janthina*, 72  
*jouyi*, 72  
*junoniae*, 71, 73  
*leucocephala*, 72  
*leuconota*, 72  
*livia*, 19, 38, 70, 72, 88, 250, 451, 466–468  
*malherbii*, 72  
*nigrirostris*, 73  
*norfolcensis*, 72  
*oenas*, 71–72, 466–468  
*oliviae*, 72  
*pallidiceps*, 72  
*palumboides*, 72  
*palumbus*, 71, 73, 450, 466–469  
*palumbus maderensis*, 73  
*polleni*, 73  
*pulchricollis*, 71  
*punicea*, 72  
*rupestris*, 72, 468  
*squamosa*, 467  
*thomensis*, 73  
*torringtoni*, 71  
*trocaz*, 71, 73  
*unicincta*, 71  
*versicolor*, 72  
*vitiensis*, 72  
*Columbigallina passerina*, 224, 231, 254  
*talpacoti*, 158  
*Contopus*, 142  
 pertinax, 255  
 pertinax pallidiventris, 36  
 pertinax pertinax, 146  
 sordidulus, 146, 224, 255  
 sordidulus veliei, 38  
 vires, 38, 146, 184, 193  
*Coot*, 394  
 American, 35, 223, 225, 229  
*Coragyps*, 242  
 atratus, 38, 142, 156, 242, 325  
 occidentalis, 242  
*Cormorant*, Double-crested, 223  
 Flightless, 15  
 Pelagic, 441  
*Corvus brachyrhynchos*, 188, 224  
 corax, 224, 242  
 corax principalis, 147  
 corax sinuatus, 38, 147  
 cornix, 61  
 corone, 61  
 cryptoleucus, 38  
 frugilegus, 137  
*Cowbird*, Brown-headed, 75, 99, 225–230, 232,  
 264, 269  
 Red-eyed, 258–259, 262–266, 268–271  
*Crane*, Sandhill, 178–179, 181  
*Creagrus furcatus*, 161  
*Creerer*, Brown, 148, 224, 231, 258  
*Crispens*, Charles G., Jr., Buss, Irven O., and  
 Yocom, Charles F., additional data on food  
 of California quail in eastern Washington,  
 166  
*Crocethia alba*, 163  
*Crossbill*, Red, 225  
*Crotaphaga ani*, 234  
 sulcirostris, 254  
*Crow*, Common, 187–190, 196, 224  
*Cuckoo*, Black-billed, 35, 143  
 Long-tailed New Zealand, 416, 418  
 Yellow-billed, 35, 254  
*Curlew*, Long-billed, 224, 230  
*Cyanerpes*, 113–114  
 caeruleus, 112, 156  
 cyaneus, 92, 106, 109  
 cyaneus carneipes, 109  
 cyaneus cyaneus, 109  
 lucidus, 92, 112  
*Cyanocitta cristata*, 275  
 steileri, 451  
 stelleri macrolopha, 38  
 stelleri ridgwayi, 147  
*Cyanolyca cucullata guatema'ae*, 147  
 pumilo pumilo, 147  
*Cyclarhis gujanensis*, 52, 507  
*Cynanthus latirostris*, 320  
*Cypseloides*, 361, 366  
 biscutatus, 361  
 cherrei, 361  
 cryptus, 361  
 fumigatus, 361–362  
 niger, 79, 361  
 rutilus, 361–362  
 semicollaris, 361  
 senex, 361–362  
 zonaris, 361–362  
*Cyrtonyx montezumae*, 38

**D**

*Dacnis*, 113–114  
 cayana, 92, 98  
 venusta, 92, 104  
*Dacnis*, Blue, 98  
 Scarlet-thighed, 92, 100, 104–105, 115  
 Turquoise, 92–93, 98–100, 102–105, 111, 113,  
 115  
*Dactylorhynchus thoracicus chiapensis*, 143  
*Daption capensis*, 510  
*Daptrius ater*, 157  
*Davis*, John, notes on some birds of the state of  
 Michoacán, México, 324; a review of  
 Handbook of North American Birds, Vol-  
 ume 1, Loons Through Flamingos, edited  
 by Ralph S. Palmer, 442

Davis, John, and Miller, Alden H., further information on the Caribbean martin in México, 237  
*Demigretta sacra sacra*, 416, 418, 421, 436  
*Dendrocopos major*, 132  
 minor, 132-133, 162  
 minor amurensis, 162  
 pubescens, 126-133  
 scalaris, 36  
 scalaris giraudi, 36  
 scalaris symplexus, 36  
 stricklandi, 324  
 villosus, 36, 127-128, 224, 231  
 villosus icastus, 36  
 villosus intermedius, 36  
 villosus sanctorum, 145  
*Dendroica*, 55, 59  
 auduboni, 224  
 auduboni auduboni, 39  
 auduboni memorabilis, 39, 150  
 caeruleascens, 76, 164  
 chrysoparia, 37  
 coronata, 150, 224  
 dominica albilara, 37  
 fusca, 150, 262  
 magnolia, 224, 232  
 nigrescens, 224  
 occidentalis, 39, 150, 225, 232  
 palmarum, 225, 232  
 pensylvanica, 76  
 petechia, 188, 224  
 townsendi, 39, 150, 224  
 virens, 76  
 virens virens, 39  
*Dendrocytus leucophrys*, 143  
 leucophrys leucophrys, 143  
 leucophrys nicaraguae, 143  
 DeWolfe, Barbara B., and DeWolfe, Robert H., mountain white-crowned sparrows in California, 378  
*Dicaeum*, 5  
 pygmaeum pygmaeum, 5  
*Dickcissel*, 225, 396  
 Dickerman, Robert W., and Warner, Dwain W., a new orchard oriole from México, 311  
*Diglossa*, 114-115  
 baritula, 92  
 baritula montana, 149  
 cyanea, 114  
*Diglossopis*, 115  
*Diomedea*, 471-472  
 albatrus, 471-472  
 anglica, 471  
 californica, 471-472  
 exulans, 471-472  
 immutabilis, 6, 472  
 melanophrys, 510  
 nigripes, 6, 472  
*Dipper*, 148  
 Dixon, Keith L., notes on the molt schedule of the plain titmouse, 134  
*Dolichonyx oryzivorus*, 19, 390-401  
*Dotterel*, Mongolian, 418  
*Dove*, Crimson-crowned Fruit, 418, 425  
 Ground, 224, 231, 254  
 Inca, 254  
 Mourning, 165-166, 224-225, 227, 229-230, 251  
 Ring, 297  
 Rock, 88, 466  
 Ruddy Ground, 158  
 Stock, 467  
 White-fronted, 254  
 White-throated Ground, 418, 426-427  
 White-winged, 224, 231  
*Dowitcher*, 224, 231  
*Dryocopus pileatus*, 128  
*Duck*, Australian Gray, 418, 422  
 Ring-necked, 31, 223, 230  
 Ruddy, 223, 225, 229  
 Wood, 223  
*Ducula oceanica*, 416  
 oceanica teraokai, 416, 418, 425-426  
*Dumetella carolinensis*, 187

**E**

Eagle, Golden, 34, 220, 223, 235-237, 242  
*Eckelberry*, Don R., painting of white-naped swift, opp. 361  
*Egret*, Common, 223, 225  
 Snowy, 223, 225, 227  
*Eisenmann*, Eugene, notes on some neotropical viros in Panamá, 505  
*Eisenmann*, Eugene, and Howell, Thomas R., the taxonomic status of the hummingbirds *Chalybura melanorrhoa* and *Chalybura urochrysa*, 300  
*Elaenia flavogaster*, 105  
*Elaenia*, Yellow-bellied, 105  
 Yellow-crowned, 256-257, 272  
*Elanoïdes forficatus*, 154  
*Elanus lecurus*, 154  
*Ely*, Charles A., the birds of southeastern Coahuila, México, 34  
*Emerald*, Canivet, 254  
*Empidonax*, 41, 58-59  
 affinis, 256  
 affinis trepidus, 36  
 difficilis, 224, 256, 259  
 difficilis difficilis, 231  
 difficilis hellmayri, 36  
 difficilis occidentalis, 36  
 difficilis salvini, 146  
 flavescens, 146  
 flavescens dwighti, 146  
 flaviventris, 36, 146  
 fulvifrons fusciceps, 146  
 fulvifrons pygmaeus, 36  
 hammondi, 38, 146, 224  
 minimus, 38, 146, 184  
 oberholseri, 146, 224

*traillii*, 184, 224, 256  
*wrightii*, 38, 146, 224  
*Eremophila alpestris*, 78, 224, 231  
 alpestris diaphora, 38  
 alpestris leucolaema, 231  
 alpestris utahensis, 231  
*Ereunetes mauri*, 224, 231, 240  
*Ergaticus versicolor*, 151  
*Erythacus rubecula*, 195  
*Erolia acuminata*, 418  
 melanotos, 224, 231  
 minutilla, 224, 240  
*Erythrura trichroa clara*, 416, 418, 434, 436  
*Escalante*, Rodolfo, frequency of occurrence of some seabirds in Uruguay, 510  
*Eudynamis taitensis*, 416, 418  
*Eugenes fulgens fulgens*, 35  
 fulgens viridiceps, 144  
*Eupetomena macroura*, 320  
*Euphagus cyanocephalus*, 39, 225  
*Euphonia*, 113  
*Euphonia*, Blue-headed, 151  
*Eupoda montana*, 224

**F**

*Falco albigerularis*, 158  
*columbarius*, 223, 510  
*columbarius richardsonii*, 35  
*mexicanus*, 34, 223, 242, 439  
*peregrinus*, 223, 502  
*peregrinus anatum*, 34  
*rusticolis*, 237, 508–510  
*sparverius*, 223, 500  
*sparverius sparverius*, 38, 143  
*subbuteo*, 158  
*Falcon*, Bat, 158  
 Laughing, 157  
*Peregrine*, 34, 223, 439, 510  
*Prairie*, 34, 220, 223, 225, 229, 439–440, 502  
*Fennell*, Chester M., lesser spotted woodpecker nesting in Japan, 162  
*Finch*, Blue-faced Parrot, 418, 434–435  
 House, 138, 225–226, 229–230, 245–252  
 Purple, 225  
*Fisler*, George F., variation in the morning awakening time of some birds in south-central Michigan, 184  
*Flicker*, Red-shafted, 36, 145, 224–225, 230, 255  
 Yellow-shafted, 187–190, 224  
*Flower-piercer*, Cinnamon-bellied, 149  
 Slaty, 92, 104  
*Flycatcher*, Ash-throated, 36, 227, 229  
 Beardless, 257  
 Buff-breasted, 36, 146  
 Coues, 36, 255  
 Crested, 186  
 Dusky, 224  
 Gray, 224  
 Gray Silky, 149, 260  
 Hammond, 146, 224

Least, 146, 184  
*Nutting*, 255  
 Olive-sided, 145, 224, 231  
*Pine*, 36, 256  
*Scissor-tailed*, 36  
*Traill*, 184, 224, 228, 256  
*Tufted*, 146, 256  
*Vermilion*, 224, 255  
*Western*, 36, 224, 228, 231, 256, 259  
*Wright*, 146  
 Yellow-bellied, 36, 146  
 Yellowish, 146  
*Fowl*, Red Jungle, 418, 422  
*Fregata magnificens*, 510  
 minor minor, 418, 421, 436  
*Frigatebird*, Magnificent, 444, 510  
*Fringilla coelebs*, 375, 399  
*Fulica americana*, 223, 394  
 americana americana, 35  
*Fulmar*, 438  
 Northern, 443  
*Fulmaris glacialis*, 438

**G**

*Gadwall*, 223  
*Gallicolumba xanthonura kubaryi*, 416, 418, 426–427, 436  
*Gallinula chloropus*, 223  
*Gallinule*, Common, 223  
*Gallus*, 179  
 gallus, 418, 422, 436  
*Gannet*, 6  
*Garrulus glandarius*, 276, 466  
 lanceolatus, 276  
*Gavia arctica*, 223  
 immer, 223, 230  
*Gelochelidon nilotica*, 511  
*Geococcyx californianus*, 38, 144, 224  
 velox, 145  
 velox affinis, 143  
*Geothlypis nelsoni nelsoni*, 39  
 trichas, 225  
 trichas occidentalis, 39  
*Geranositta caerulescens*, 157  
*Glaucidium gnoma californicum*, 35, 513  
*Gnatcatcher*, Black-tailed, 224, 231  
 Blue-gray, 224  
*Godwit*, Marbled, 224  
 Pacific, 418  
*Goldeneye*, Barrow, 163  
 Common, 223  
*Goldfinch*, American, 225  
 Lawrence, 225, 232  
 Lesser, 225, 265  
*Goodall*, William N., a recent record of the oven-bird for California, 240  
*Goose*, Blue, 19, 163  
 Canada, 223, 230, 454  
 Emperor, 441  
 Snow, 163, 223  
 White-fronted, 223

Graber, Richard R., food and oxygen consumption in three species of owls (Strigidae), 473  
 Grackle, Boat-tailed, 57, 81, 85, 88, 90, 151  
     Great-tailed, 57, 81-82, 264  
 Granatellus venustus, 262  
 Grassquit, Blue-black, 272  
 Grebe, Eared, 223, 225  
     Horned, 162  
     Pied-billed, 34, 223, 225  
     Western, 223  
 Greenlet, Golden-fronted, 507  
     Gray-headed, 507  
     Scrub, 507  
     Tawny-crowned, 507  
 Greenshank, 418  
 Grim, J. Norman, unusual feeding behavior of the fulmar, 438  
 Grcsbeak, Black-headed, 225, 265  
     Blue, 152, 225-227, 229  
     Evening, 124  
     Yellow, 265  
 Grouse, Ruffed, 329  
 Grus canadensis, 178  
 Guan, Horned, 143  
 Guiraca caerulea, 39, 225  
     caerulea interfusa, 152  
 Gull, Belcher, 511  
     Bonaparte, 224  
     California, 224  
     Glaucous-winged, 441  
     Ring-billed, 224  
     Sooty, 159-160  
     Swallow-tailed, 161  
 Gullion, Gordon W., organization and movements of coveys of a Gambel quail population, 402  
 Gygis alba, 422  
     alba candida, 425  
     alba pacifica, 416, 418, 425, 436  
 Gymnogenys typicus, 157  
 Gymnogyps, 241  
     amplus, 241-242  
     californianus, 241  
 Gyrfalcon, 237, 440, 508-510

II

Habrura, 5  
 Haggard, 442-443  
 Hamilton, Terrell H., species relationships and adaptations for sympatry in the avian genus Vireo, 40  
 Hamilton, William J., III, celestial orientation in juvenile waterfowl, 19; evidence concerning the function of nocturnal call notes of migratory birds, 390  
 Harpagus bidentatus, 154  
 Harrier, Long-winged, 156  
 Havermeschmidt, F., notes on the feeding habits and food of some hawks of Surinam, 154  
 Hawk, Black-collared, 156  
     Broad-winged, 400  
 Cooper, 34, 223, 225, 229, 439, 447, 465, 500  
 Crab, 156-157  
 Crane, 157  
 Duck, 502-503  
 Ferruginous, 223, 229, 500, 502  
 Gray, 156, 254  
 Great Black, 156  
 Gurney Red-backed, 277  
 Harrier, 157  
 Marsh, 223, 225, 228, 500, 502  
 Pigeon, 35, 223, 510  
 Red-backed, 277  
 Red-tailed, 34, 77, 143, 223, 225, 229, 400, 447, 500-503  
 Roadside, 156  
 Rough-legged, 439, 508-510  
 Savanna, 155  
 Sharp-shinned, 223, 413, 447, 500, 502  
 Sparrow, 143, 223, 225, 227, 500-503  
 Swainson, 223, 400, 500-502  
 Zone-tailed, 223  
 Heath, James Edward, temperature fluctuation in the turkey vulture, 234  
 Henicorhina leucophrys capitalis, 148  
 Heron, Black-crowned Night, 223, 227, 229, 418, 443  
     Eurasian Gray, 444  
     Great Blue, 34, 177, 223, 227, 229  
     Green, 223  
     Reef, 418, 421  
     Rufous Night, 418, 421  
 Herpetotheres cachinnans, 157  
 Hesperiphona vespertina, 124, 478  
 Heteroscelus brevipes, 418  
     incanus, 418  
 Heterospizias meridionalis, 155  
 Himantopus mexicanus, 224  
 Hirundo rustica, 224, 258, 326  
     rustica erythrogaster, 38  
     rustica gutturalis, 416, 418  
 Hobbie, John E., and Cade, Tom J., observations on the breeding of golden eagles at Lake Peters in northern Alaska, 235  
 Hobby, 158  
 Honeycreeper, Blue, 92-94, 98-99, 104-116  
     Green, 92-94, 96-98, 104-105, 107-108, 111, 113, 115  
     Hyacinthine, 112  
     Shining, 92, 107-108, 111-113, 115, 156  
     Yellow-legged, 112  
 Honey-eater, Cardinal, 418, 433-434  
 Howard, Hildegarde, bird remains from a prehistoric cave deposit in Grant County, New Mexico, 241; a new Miocene locality record for *Puffinus diatomicus* and *Sula willetti*, 512  
 Howell, Thomas R., and Bartholomew, George A., temperature regulation in the red-tailed tropic bird and the red-footed booby, 6  
 Howell, Thomas R., Bartholomew, George A., and Hudson, Jack W., body temperature, oxy-

gen consumption, evaporative water loss, and heart rate in the poor-will, 117

Howell, Thomas R., and Eisenmann, Eugene, the taxonomic status of the hummingbirds *Chalybura melanorrhoa* and *Chalybura urochrysia*, 300

Hudson, Jack W., Howell, Thomas R., and Bartholomew, George A., body temperature, oxygen consumption, evaporative water loss, and heart rate in the poor-will, 117

**Hummingbird** (see also *Emerald*, *Plumeleteer*, and *Violet-ear*)

- Allen, 324
- Amethyst-throated, 144
- Anna, 139, 235, 315, 324
- Berylline, 255
- Black-chinned, 224
- Blue-crowned Wood Nymph, 93
- Broad-tailed, 36
- Costa, 224, 438
- Garnet-throated, 144
- Lucifer, 36
- Magnificent, 144
- Rivoli, 35
- Ruby-throated, 324
- Rufous, 224
- White-eared, 35, 144
- Wine-throated, 144

Hungerford, Charles R., adaptations shown in selection of food by Gambel quail, 213

*Hydrobates pelagicus*, 445

*Hylocharis*, 316-319, 321-322

- cyanus, 323
- cyanus cyanus, 315
- leucotis leucotis, 35, 144

*Hylocichla guttata*, 224, 231

- guttata auduboni, 37
- guttata guttata, 39
- guttata sequoiensis, 39
- ustulata, 224, 231, 397

*Hylophilus*, 51, 507

- aurantifrons, 507
- decurtatus, 507
- flavipes, 507
- flavipes viridiflavus, 507
- ochraceiceps, 507

*Hypoptila isaura*, 302

- urochrysa, 301
- urochrysea, 301
- urochrysia, 301

**I**

*Ibis*, Glossy, 444

- Scarlet, 444
- White-faced, 223, 228
- White-faced Glossy, 444
- Wood, 223

*Icteria virens*, 225

- virens auricollis, 39

*Icterus bullockii*, 220, 225, 441

- chrysater chrysater*, 151
- cucullatus*, 79, 225, 441
- fuertesi*, 312-314
- galbula*, 93, 151, 164, 441
- parisorum*, 39, 225, 232, 441
- pustulatus*, 264
- spurius*, 39, 311-314
- spurillus affinis*, 311-312, 314
- spurillus phillipsi*, 311-314
- spurillus spurius*, 311-312, 314
- wagleri wagleri*, 39

*Ictinia plumbea*, 155

*Iridoprocne bicolor*, 224

*Ixobrychus exilis*, 223

- sinensis, 416, 418, 421, 436

*Ixoreus naevius*, 224

**J**

*Jabiru mycteria*, 177

*Jaeger*, Parasitic, 240, 497

*Jay*, 466

- Azure-hooded, 147
- Black-throated, 147
- Blue, 275
- Gray, 163
- Mexican, 271
- Scrub, 134, 138, 224
- Steller, 147, 451
- Unicolored, 147

Johnson, Ned K., and Russell, Ward C., distributional data on certain owls in the western Great Basin, 513

Johnston, Richard F., the taxonomy of pigeons, 69

*Junco alticola*, 152

- hyemalis, 164, 225, 396, 478
- oreganus, 225
- phaeonotus, 38, 152, 271
- phaeonotus palliatus, 38
- phaeonotus phaeonotus, 38

*Junco*, Guatemala, 152

- Mexican, 38, 271
- Oregon, 225
- Slate-colored, 164, 225, 396

**K**

Kahl, M. Philip, Jr., bioenergetics of growth in nestling wood storks, 169

Kilham, Lawrence, reproductive behavior of downy woodpeckers, 126

Killdeer, 143, 220, 224-227, 229

Kincaid, Edgar B., Jr., starlings between Hawaii and California, 512

*Kingbird*, Cassin, 75-76, 224, 231

- Eastern, 224
- Western, 36, 224, 227, 229

*Kingfisher*, Belted, 36, 224

*Kinglet*, Golden-crowned, 224, 231

- Ruby-crowned, 224-225

## Kite, Double-toothed, 154

- Gray-headed, 154
- Hook-billed, 154
- Plumbeous, 155
- Snail, 155
- Swallow-tailed, 154
- White-tailed, 154

Knorr, Owen A., black swift breeds in Utah, 79  
 Kridler, Eugene, and Marshall, David B., additional bird records from southeastern Oregon, 162

Kuyt, E., a record of a tree-nesting gyrfalcon, 508

**L***Lagopus mutus*, 237

- Lamponnis amethystinus salvini*, 144
- clemenciae clemenciae*, 38
- Lamprolaima rhami rhami*, 144
- Lanius ludovicianus*, 37, 75, 79, 137, 224, 260
- ludovicianus excubitorides*, 37
- ludovicianus mexicanus*, 37
- Lark, Horned*, 78-79, 224, 229, 231
- Larus belcheri*, 511
- californicus*, 224
- delawarensis*, 224
- fuliginosus*, 159-160
- glaucescens*, 441
- philadelphicus*, 224

Lasiewski, Robert C., the energetics of migrating hummingbirds, 324

Lepidocolaptes affinis affinis, 145

*leucogaster*, 255

*Leptodon cayanensis*, 154*Leptotila verreauxii*, 254*Leucophoyx thula*, 223

Levy, Seymour H., the Ridgway whip-poor-will in Arizona, 161

*Limnodromus*, 224, 231

*scolopaceus*, 231

*Limosa fedoa*, 224

*lapponica baueri*, 418

*Linnet, California*, 220*Lobipes lobatus*, 224, 240*Lonchura nigerrima minor*, 416, 418

*Longspur, Chestnut-collared*, 225, 233, 239

*Lapland*, 225, 233, 329

*Loon, Arctic*, 223, 443

*Common*, 223, 230, 443

*Red-throated*, 443

*Lophodytes cucullatus*, 223, 230*Lophornis magnificus*, 320

*Lophortyx californicus*, 165, 250, 414

*gambelii*, 213-219, 223, 402-415

*Loxia curvirostra*, 225**M**

MacMillen, Richard E., the minimum water requirements of mourning doves, 165

*Macronus ptilosus*, 3

*Magpie, Black-billed*, 224

## Maher, William J., breeding biology of the snow petrel near Cape Hallett, Antarctica, 488

*Mallard*, 19-20, 32, 223, 225-226, 229, 291, 296

*Man-o'-War, Pacific*, 418, 420

*Mareca americana*, 34, 223, 242

*penelope*, 223, 230

Marler, P., and Tamura, M., song "dialects" in three populations of white-crowned sparrows, 368

Marshall, David B., and Kridler, Eugene, additional bird records from southeastern Oregon, 162

*Martin, Caribbean*, 237-239

*Purple*, 65, 168, 200-203, 212, 224, 231

McCaskie, R. G., a chestnut-collared longspur at Lake Tahoe, California, 239

*Meadowlark, Common*, 151

*Eastern*, 57

*Western*, 20, 57, 220, 225

*Megaceryle alcyon*, 224*Melanerpes formicivorus formicivorus*, 38

*formicivorus lineatus*, 145

*Melanotis caerulescens*, 258

*hypoleucus*, 148

*Melanotrichius fuscus*, 320
*Meleagris*, 242

*gallopavo*, 242

*Melospiza lincolni*, 225

*lincolni lincolni*, 39, 153

*melodia*, 184, 191, 225, 396, 478, 481

*Melozone*, 272

*kieneri*, 264, 268-269

*Merganser, Hooded*, 223, 230

*Common*, 223

*Red-breasted*, 223, 230

*Mergus merganser*, 223

*serrator*, 223, 230

*Metabolus rugensis*, 416, 418, 430-431, 436

*Micromacronus*, 3, 5

*leytensis*, opp. 3, 3-4

Miller, Alden H., and Davis, John, further information on the Caribbean martin in México, 237

Miller, Loya, high-noon songs, 75; a new albatross from the Miocene of California, 471

*Milvago chimachima*, 156, 158

*Mimus polyglottos*, 75, 194, 224

*polyglottos leucopterus*, 38

*Mitrephanes phaeocercus*, 256

*phaeocercus querincus*, 146

*Mixornis*, 3

*Mniotilla varia*, 39, 150, 163, 224, 232

*Mockingbird*, 75, 194, 224-225, 227, 229

*Blue*, 258

*Blue and White*, 148

*Molothrus ater*, 75, 99, 225, 232, 264, 478

*ater artemisiae*, 232

*ater ater*, 39

*ater obscurus*, 232

*Momotus mexicanus*, 255

*Monarch, Truk*, 418, 430-431

Moore, Milton, nesting of hooded oriole in Sacramento, California, 79; additional record of the chestnut-backed chickadee in the Calaveras Big Trees State Park, California, 164

Torrison, Peter, modification of body temperature by activity in Brazilian hummingbirds, 315

Morton, Martin L., a plucking experiment with white-crowned sparrows, 327

Motmot, Blue-throated, 145  
    Rufous-crowned, 255

Muscivora forficata, 36

Myadestes obscurus oberholseri, 149  
    townsendi, 224, 240

Mycteria, 171  
    americana, 169–183, 223

Myiagra oceanica oceanica, 416, 418, 431–432, 436

Myiarchus cinerascens, 36  
    cinerascens cinerascens, 36  
    cinerascens mexicanus, 36  
    crinitus, 186  
    nuttingi, 255

Myioborus miniatus, 262  
    miniatus hellmayri, 151  
    miniatus intermedius, 151

Myiopagis viridicata, 256–257, 272

Myiornis, 5

Myzomela cardinalis dichromata, 434  
    cardinalis major, 416, 418, 433, 436

**N**

Nannopterum harrisi, 15

Neochloe brevipennis, 46, 262, 264, 272

Nephocetes niger, 361–362

Nicholson, Donald J., and Selander, Robert K., autumnal breeding of boat-tailed grackles in Florida, 81

Nighthawk, Lesser, 224, 227  
    Common, 224

Nightingale-thrush, Orange-billed, 259–260  
    Russel, 37, 149, 259, 266

Noddy, Common, 418–419, 423–424  
    White-capped, 418, 421–425

Nolan, Val, Jr., the swaying display of the red-eyed and other vireos, 273

Northern, James R., noteworthy bird records from Baja California, 240

Notiochelidon pileata, 146

Nucifraga columbiana, 138, 224

Numenius americanus, 224, 230, 242  
    phaeopus, 224, 231  
    phaeopus variegatus, 418

Nutcracker, Clark, 138, 224

Nuthatch, Pygmy, 36  
    Red-breasted, 224, 231  
    White-breasted, 187–190, 196, 224, 271

Nuttallornis borealis, 38, 145, 224, 231

Nyctea scandiaca, 237, 441

Nycticorax caledonicus pelewensis, 416, 418, 421, 436

    nycticorax, 223  
    nycticorax nycticorax, 418

Nyroca affinis, 242  
    collaris, 242

**O**

Oceanites oceanicus, 495

Oenoenas, 70, 73–74  
    chiriquensis, 74  
    goodsoni, 73  
    nigrirostris, 73  
    plumbea, 73  
    purpureoincta, 74  
    subvinacea, 73–74

O'Farrell, Thomas P., and Sheets, Arthur M., birds observed wintering on Middleton Island, Alaska, 440

Olor columbianus, 223

Oporornis agilis, 76  
    formosus, 150  
    tolmiei, 150, 225  
    tolmiei monticola, 38, 150

Oreophasis derbianus, 143

Oreortyx picta, 242

Oreoscopetes montanus, 39, 224

Oreotrochilus estella, 315, 320

Oriole, Baltimore, 93, 151, 164, 441  
    Bullock, 220, 225–226, 229, 441  
    Hooded, 79, 225, 229, 441  
    Orchard, 311–314  
    Scarlet-headed, 264  
    Scott, 225, 232, 441  
    Yellow-backed, 151

Orr, Robert T., and Rowley, J. Stuart, the nesting of the white-naped swift, 361

Orthotomus, 5

Osprey, 223

Osteodontornis orri, 512

Otus asio, 224, 231  
    asio suttoni, 35  
    asio macfarlanei, 513  
    flavemolus flammeolus, 35, 513

Ovenbird, 37, 240–241, 397

Overmire, Thomas G., nesting of the Bell vireo in Oklahoma, 75

Owl, Burrowing, 220, 224–226  
    Flammulated, 35, 513–514  
    Great Gray, 164–165  
    Great Horned, 224–226, 229, 328–329, 465, 500–503, 513  
    Long-eared, 473–487  
    Pigmy, 35, 513  
    Saw-whet, 473–487  
    Screech, 35, 224, 231, 513  
    Short-eared, 224, 229, 473–487  
    Snowy, 237, 441  
    Spectacled, 93  
    Spotted, 514  
    Unspotted Saw-whet, 144  
    Wood, 266

Oxyura jamaicensis, 223

## P

*Pagodroma nivea*, 488-499  
*Pandion haliaetus*, 223  
*Parabuteo unicinctus*, 38  
*Parapavo*, 242  
*Parrot, Thick-billed*, 35  
*Parus*, 40-41, 55-56, 58-60, 62, 64  
  *ater*, 56  
  **bicolor**, 134-135  
  **caeruleus**, 56  
  **inornatus**, 134-139  
  **major**, 56, 134, 138  
  **palustris**, 56  
  **rufescens**, 164  
  **sclateri**, 36, 258  
  **sclateri eidos**, 36  
  **sclateri sclateri**, 36  
*Passer domesticus*, 204, 225, 272, 325, 478, 481  
  *domesticus domesticus*, 39  
*Passerculus sandwichensis*, 225, 248  
  *sandwichensis anthinus*, 39  
  *sandwichensis beldingi*, 249-251  
  *sandwichensis brooksi*, 249-251  
*Passerella iliaca*, 225, 233, 478  
*Passerina amoena*, 225, 266  
  *cyanea*, 39, 152  
*Patagioenas*, 70, 72, 74  
  *cayennensis*, 73-74  
  *corensis*, 72  
  *flavirostris*, 70, 73-74  
  *inornata*, 73-74  
  *leucocephala*, 72  
  *maculosa*, 73  
  *oenops*, 73-74  
  *picazuro*, 72  
  *speciosa*, 72  
  *squamosa*, 72  
*Peeters, Hans J.*, nuptial behavior of the banded-tailed pigeon in the San Francisco Bay area, 445  
*Pelecanus*, 6  
  *erythrorynchus*, 223, 230  
*Pelican, Brown*, 444  
  *White*, 223, 228, 230  
*Penelopina nigra nigra*, 143  
*Penguin, Adelie*, 488, 496-498  
  *Emperor*, 497  
  *Galapagos*, 159-160  
*Peppershrike, Rufous-browed*, 52, 507  
*Perisoreus canadensis*, 163  
*Petrel*, 442-443  
  *Bonin Island*, 6  
  *British Storm*, 495  
  *Mottled*, 443  
  *Snow*, 488-499  
  *Trindade*, 443  
  *White-chinned*, 510  
  *Wilson*, 443, 495, 497-498  
*Petrochelidon fulva*, 326  
*pyrrhonota*, 147, 224, 257, 326  
*pyrrhonota melanogaster*, 38  
*Peucedramus taeniatus arizonae*, 39  
*Pewee, Crested Wood*, 256  
  *Eastern Wood*, 146, 184, 186-190, 192-193, 195, 197  
  *Greater*, 146  
  *Western Wood*, 146, 224, 255, 257  
*Phaethon*, 11, 15  
  *lepturus*, 11  
  *lepturus dorotheae*, 416, 418-419, 436  
  *rubricauda*, 6-12, 512  
  *rubricauda rothschildi*, 7, 416, 418-419, 436  
*Phaetusa simplex*, 511  
*Phainopepla nitens*, 224, 257  
  *nitens lepida*, 37  
  *nitens nitens*, 37  
*Phainopepla*, 37, 224, 229, 257  
*Phalacrocorax auritus*, 223  
  *pelagicus*, 441  
*Phalaenoptilus*, 321  
  *nuttallii*, 117-125, 224, 235  
  *nuttallii californicus*, 117  
  *nuttallii huayi*, 117  
  *nuttallii nuttallii*, 38  
*Phalarope, Red*, 224, 228  
  *Northern*, 224, 240  
  *Wilson*, 224, 227, 229, 240  
*Phalaropus fulicarius*, 224  
*Phasianus colchicus*, 294  
*Pheasant, Ring-necked*, 294  
*Pheucticus chrysopelatus*, 265  
  *melenocephalus*, 225, 265  
  *melenocephalus melenocephalus*, 39  
*Philacte canagica*, 441  
*Phillips, Richard E., and van Tienhoven, Ari*, some physiological correlates of pintail reproductive behavior, 291  
*Phoebe, Black*, 145, 224, 227, 229  
  *Eastern*, 36, 187-191, 195, 197  
  *Say*, 220, 224-227, 229  
*Pica pica*, 224  
*Pigeon, Band-tailed*, 73, 143, 445-470  
  *Cape*, 443, 510  
  *Micronesian*, 418, 425-426  
  *Wood*, 450, 466-467, 469  
*Pintail*, 20, 22, 24-25, 31, 223, 227, 291-299  
*Pipilo*, 58  
  *aberti*, 57  
  *erythrophthalmus*, 184, 225, 232, 267-268  
  *erythrophthalmus orientalis*, 39  
  *erythrophthalmus repetens*, 152  
  *fuscus*, 57  
  *fuscus potosinus*, 39  
  *ocai*, 268  
*Pipit, Water*, 224-225, 239  
*Pipra*, 109  
  *aureola*, 109  
  *coronata*, 109  
  *mentalis*, 109

Piranga flava, 264-265  
*ludoviciana*, 39, 225  
*rubra*, 38  
*rubra cooperi*, 38  
*rubra rubra*, 38, 151  
*Platyparis aglaiae*, 255  
*Plectrophenax nivalis*, 441  
*Plegadis chihi*, 223  
Plover, American Golden, 163  
*Black-bellied*, 224, 230, 418  
*Mountain*, 224  
*Pacific Golden*, 418  
*Semipalmated*, 163  
*Snowy*, 224, 230  
*Upland*, 143  
Plumeleteer, Dusky, 300-310  
*Bronze-tailed*, 300-310  
*White-vented*, 302  
*Pluvialis dominica*, 163  
*dominica fulva*, 418  
*Podiceps auritus*, 162  
*caspicus*, 223  
*Podilymbus podiceps*, 34, 223  
*Poliolimnas cinereus micronesiae*, 416, 418, 422, 436  
*Polioptila caerulea*, 224  
*caerulea amoenissima*, 39  
*melanura*, 224, 231  
*melanura melanura*, 39  
*Polystictus*, 5  
*Polytmus guainumbi*, 320  
*Poecetes grammineus*, 225  
*gramineus confinis*, 39  
Poor-will, 117-125, 224, 235, 321  
*Porzana carolina*, 223  
*Poulson*, Thomas L., and Bartholomew, George  
*A.*, salt utilization in the house finch, 245  
*Procellaria aequinoctialis*, 510  
*puffinus*, 19  
*Progne dominicensis*, 237-239  
*dominicensis sinaloae*, 239  
*sinaloae*, 238  
*subis*, 224, 231, 238-239  
*Psaltria exilis*, 5  
*Psaltriparus melanotis*, 36, 258  
*melanotis iulus*, 36  
*melanotis lloydii*, 36  
*melanotis melanotis*, 147  
*minimus*, 224, 399  
*Ptarmigan*, Rock, 237  
*Pterodroma hypoleuca*, 6  
*Ptilinopus porphyreaceus ponapensis*, 418, 425, 436  
*Ptilogonyx cinereus*, 260  
*cinereus molybdophanes*, 149  
*Puffinus*, 512  
*diatomicus*, 512  
*gravis*, 442, 510  
*lherminieri dichrous*, 418-419, 436  
*nativitatis*, 6  
*pacificus*, 6  
*pacificus chlororhynchus*, 418

*puffinus*, 443  
*tenuirostris*, 495  
*Pulsatrix perspicillata*, 93  
*Pygoscelis adeliae*, 488, 496  
*Pyrocephalus rubinus*, 224, 255  
*rubinus mexicanus*, 38  
*Pyrrhuloxia sinuata*, 39

**Q**

*Quail*, California, 165-167, 250, 329, 414  
*Desert*, 220  
*Gambel*, 213-219, 223, 225-226, 229, 402-415  
*Scaled*, 328-329, 414  
*Singing*, 143

**R**

*Rail*, Virginia, 223, 230  
*White-browed*, 418, 422  
*Rallus limicola*, 223, 230  
*Ramphocelus passerinii costaricensis*, 100  
*Raven*, Common, 147, 224-225, 229, 508, 510  
*Western*, 220  
*Recurvirostra americana*, 224  
*Redhead*, 223, 229  
*Redpoll*, Common, 440  
*Redstart*, American, 76, 164, 225, 232, 262  
*Slate-throated*, 151, 262  
*Regulus calendula*, 224, 481  
*calendula calendula*, 39  
*satrapa*, 224, 231  
*Rhynchositta pachyrhyncha*, 35  
*pachyrhyncha pachyrhyncha*, 35  
*pachyrhyncha terrisi*, 35  
*Richmondena cardinalis*, 124, 187, 328, 478, 481  
*Ridgwayia pinicola*, 325  
*Riparia riparia*, 224, 231  
*Roadrunner*, 144, 220, 224-226, 229  
*Lesser*, 143, 145  
*Robin*, 224-225  
*American*, 28, 187-195, 197, 259, 272, 395  
*Black*, 148  
*European*, 195  
*Mountain*, 148  
*Rufous-collared*, 148  
*White-necked*, 259  
*Robinson*, Gerald G., winter wren feeds Townsend solitaire young, 240  
*Rook*, 137  
*Root*, Richard B., comments on the status of some western specimens of the American redstart, 76  
*Rostrhamus sociabilis*, 155  
*Rowley*, J. Stuart, nesting of the birds of Morelos, México, 253  
*Rowley*, J. Stuart, and Orr, Robert T., the nesting of the white-naped swift, 361  
*Rukia ruki*, 416, 418, 434-435  
*Russell*, Ward C., and Johnson, Ned K., distributional data on certain owls in the western Great Basin, 513

## S

Salpinctes obsoletus, 224  
 obsoletus obsoletus, 38

Sanderling, 163

Sandpiper, Buff-breasted, 224  
 Common, 418  
 Least, 224, 227, 229, 240  
 Pectoral, 224, 231  
 Sharp-tailed, 418  
 Solitary, 224, 228-229  
 Spotted, 143, 224-225, 227, 229  
 Western, 224, 227, 231, 240

Sapsucker, Williamson, 36, 224, 325  
 Yellow-bellied, 36, 145, 224-225, 231, 325, 441

Sayornis nigricans, 38, 224  
 nigricans aquatica, 145  
 phoebe, 36, 188  
 saya, 224  
 saya saya, 38

Scardafella inca, 38, 254

Scap, Greater, 163, 223  
 Lesser, 163, 223

Schemnitz, Sanford D., and Ables, Ernest, notes on the food habits of the great horned owl in western Oklahoma, 328

Seedeater, Blue, 265-266, 272  
 White-collared, 265

Sciurus aurocapillus, 76, 397  
 aurocapillus aurocapillus, 37, 240-241  
 noveboracensis, 138, 225, 232  
 noveboracensis notabilis, 150, 232

Selander, Robert K., and Nicholson, Donald J., autumnal breeding of boat-tailed grackles in Florida, 81

Selasphorus platycercus, 320  
 platycercus platycercus, 36  
 rufus, 224, 320, 324  
 sasin, 324

Setopha picta, 39  
 ruticilla, 39, 76, 164, 225, 232, 262

Shearwater, Christmas Island, 6  
 Dusky, 418-419  
 Great, 442,  
 Greater, 510  
 Great Gray, 443  
 Little, 443  
 Manx, 19  
 Short-tailed, 495, 497-498  
 Wedge-tailed, 6, 9, 14, 418

Sheets, Arthur M., and O'Farrell, Thomas P., birds observed wintering on Middleton Island, Alaska, 440

Shepherd, Peter E. K., a breeding record of the redwinged blackbird in Alaska, 440

Shoveler, 223

Shrike, Loggerhead, 37, 75-76, 78-79, 137, 224, 260

Shrike-vireo, Chestnut-sided, 325

Sialia currucoides, 224  
 mexicana, 224  
 mexicana mexicana, 39  
 sialis, 260  
 sialis guatemalae, 149

Singer, Arthur, painting of *Micromacronus leytenensis*, opp. 3

Siskin, Black-capped, 152  
 Pine, 38, 225

Sitta, 59, 61  
 canadensis, 224, 231  
 carolinensis, 188, 224, 271  
 carolinensis mexicana, 38  
 pygmaea flavinucha, 36

Skua, 511  
 South Polar, 488, 496-498

Skutch, Alexander F., life histories of honeycreepers, 92

Snipe, Common, 35, 224-225, 441

Snow, David W., and Collins, Charles T., social breeding behavior of the Mexican tanager, 161

Solitaire, Brown-backed, 149  
 Townsend, 224, 240

Sora, 223, 225, 228

Sparrow, Andean, 135  
 Black-chested, 269-270, 272  
 Black-throated, 38, 225  
 Brewer, 225, 228  
 Chipping, 225, 227-228, 271  
 Fox, 225, 233  
 Golden-crowned, 225, 232  
 Harris, 164, 225  
 House, 204, 206, 220, 225-226, 229, 230, 272, 325  
 Lark, 225  
 Lincoln, 153, 225-226, 228  
 Nuttall, 386  
 Rufous-collared, 152  
 Rufous-crowned, 38  
 Russet-tailed, 271  
 Rusty, 152, 270-272  
 Rusty-crowned Ground, 268-269  
 Sage, 225  
 Savannah, 225-226, 228-229, 248, 250  
 Sharp-tailed, 240  
 Song, 184, 187-191, 193-197, 225, 396  
 Tree, 225, 232  
 Vesper, 225  
 White-crowned, 19, 225, 228, 327, 368-380, 382-386  
 White-throated, 164, 225, 233

Spatula clypeata, 223

Speirops, 62, 63  
 melanocephalus, 62

Speotyto cunicularia, 38, 224

Spheniscus mendiculus, 159-160

Sphyrapicus thyroideus, 224, 325  
 thyroideus nataliae, 36  
 varius, 224, 231, 441  
 varius daggetti, 231  
 varius nuchalis, 36, 231, 325  
 varius varius, 38, 145, 325

**S**pinus, 58  
*atriceps*, 152  
*lawrencei*, 225, 232  
*pinus*, 38, 225  
*pinus macropterus*, 38  
*pinus pinus*, 38  
*psaltria*, 225, 265  
*psaltria psaltria*, 39  
*tristis*, 152, 225  
*Spiza americana*, 225, 396  
*Spizetus*, 242  
*willetti*, 242  
*Spizella arborea*, 225, 232, 478, 480-481  
*arborea ochracea*, 232  
*atrogularis atrogularis*, 39  
*breweri*, 225  
*pallida*, 39  
*passerina*, 225, 271  
*passerina arizonae*, 39  
*pusilla*, 478, 480-481  
*Sporophila torqueola*, 265  
*Squatarola squatarola*, 224, 230, 418  
*Starling*, 19-20, 224-225, 231-232, 395, 439, 512  
*Micronesian*, 418, 431  
*Steganopus tricolor*, 224, 240  
*Stelgidopteryx ruficollis*, 38, 224, 257  
*Stellula calliope*, 324  
*Stercorarius parasiticus*, 240, 497  
*Sterna fuscata*, 16  
*fuscata oahuensis*, 416, 418, 423, 436  
*hirundinacea*, 511  
*hirundo*, 20  
*sumatrana sumatrana*, 416, 418, 422, 436  
*Stilt*, Black-necked, 224-225, 227  
*Storer*, Robert W., variation in the red-tailed  
*hawks of southern México and Central*  
*America*, 77  
*Stork*, Jabiru, 177  
*White*, 181  
*Wood*, 169-183  
*Streptopelia*, 297  
*Streptoprocne*, 361  
*biscutatus*, 361  
*semicollaris*, opp. 361, 361-367  
*zonaris*, 144, 361  
*Strix nebulosa*, 164  
*occidentalis occidentalis*, 514  
*Sturnella*, 57  
*neglecta*, 20, 39, 151, 225  
*Sturnus vulgaris*, 19, 224, 231, 395, 439, 512  
*Sula*, 512  
*bassana*, 6  
*leucogaster brewsteri*, 512  
*leucogaster plotus*, 418, 420, 436  
*sula*, 6, 12-17  
*sula rubripes*, 12, 418, 420, 436  
*willetti*, 512  
*Swallow*, Amur Barn, 416  
*Bank*, 224, 229, 231  
*Barn*, 224, 227, 229, 258, 326  
*Black-capped*, 146-147  
*Cave*, 326  
*Cliff*, 147, 224, 229, 257, 326  
*Eastern Barn*, 418  
*Rough-winged*, 224, 229, 257-258  
*Tree*, 224, 227  
*Violet-green*, 36, 147, 224  
*Swan*, Trumpeter, 440  
*Whistling*, 223  
*Swift*, Black, 79, 362  
*White-collared*, 144  
*White-naped*, opp. 361, 361-367  
*White-throated*, 35, 79, 224  
*Vaux*, 224  
*Swiftlet*, Carolines, 418, 427-428  
*Gray-rumped*, 361  
*Sylvia atricapilla*, 19  
*borin*, 19  
*communis*, 19

**T**

*Tachycineta thalassina*, 36, 147, 224  
*thalassina lepida*, 36  
*thalassina thalassina*, 36  
*Tamura*, M., and Marler, P., song "dialects" in  
*three populations of white-crowned spar-*  
*rows*, 368  
*Tanager*, Common Bush, 151, 506  
*Golden-masked*, 100  
*Hepatic*, 265  
*Mexican*, 161  
*Plain-colored*, 92  
*Song*, 100, 105, 108-110, 116  
*Summer*, 38, 151  
*Western*, 225-226  
*Tanagra musica elegantissima*, 151  
*Tangara*, 113, 161  
*larvata*, 100, 161  
*inornata*, 92  
*Tangavius aeneus*, 263-264  
*Tattler*, American Wandering, 418  
*Gray-tailed*, 418  
*Teal*, Blue-winged, 20, 22-26, 28-29, 31-32, 34,  
*223, 227*  
*Cinnamon*, 34, 223, 225, 229  
*Green-winged*, 20, 22, 25-27, 34, 223, 225  
*Telmatodytes palustris*, 224  
*Tern*, Black, 224  
*Black-naped*, 418, 422-423, 425  
*Cayenne*, 511  
*Common*, 20  
*Crested*, 418, 423  
*Fairy*, 418, 422, 425  
*Gull-billed*, 511  
*Large-billed*, 511  
*Royal*, 511  
*Sooty*, 16, 418, 423-424  
*South American*, 511

Thalasseus bergii pelecanoides, 418, 423, 436  
*elegans*, 511  
*eryngnathus*, 511  
*maximus*, 511  
*sandvicensis*, 511  
*sandvicensis erygnathus*, 511

Thalurania colombica, 93  
*furcata*, 320  
*glaucopsis*, 320

Thrasher, Brown, 224  
*Crissal*, 224  
*Curve-billed*, 37, 204, 259  
*LeConte*, 220, 224, 226  
*Ocellated*, 258  
*Sage*, 224

Thrush, Aztec, 325  
*Gray's*, 105  
*Hermit*, 37, 224, 231  
*Olive-backed*, 396-397  
*Swainson*, 224, 231  
*Varied*, 224

Thryomanes bewickii, 37, 224  
*bewickii eremophilus*, 37  
*bewickii murinus*, 37

Thryothorus ludovicianus, 478  
*pleurostictus*, 258, 264

Tit, Great, 134

Titmouse, Plain, 134-139  
*Tufted*, 134

Totanus flavipes, 224, 231  
*melanoleucus*, 224

Toucanet, Emerald, 145

Towhee, Abert, 57  
*Brown*, 57  
*Green-tailed*, 225, 232  
*Red-eyed*, 152  
*Rufous-sided*, 184, 225, 232, 267

Toxostoma curvirostre, 37, 204, 259  
*curvirostre celsum*, 37  
*curvirostre oberholseri*, 37  
*dorsale*, 224  
*dorsale dumosum*, 39  
*lecontei*, 224  
*ocellatum*, 258  
*rufum*, 224

Tringa nebularia, 418  
*solitaria*, 224

Tripsurus chrysachen, 93, 106

Troglodytes aedon, 37, 195, 224, 258  
*aedon cahoonii*, 37  
*aedon compositus*, 37  
*aedon parkmanii*, 38  
*musculus intermedius*, 148  
*rufociliatus*, 148  
*rufociliatus rufociliatus*, 148  
*troglodytes*, 184, 224, 231, 240

Trogon mexicanus, 255  
*mexicanus mexicanus*, 144  
*viridis*, 93  
*violaceus*, 93

Trogon, Mountain, 144-145, 255  
*Violaceous*, 93  
*White-tailed*, 93

Tropic Bird, Red-tailed, 6-12, 15, 17, 418-419, 512  
*White-tailed*, 418-419

Tryngites subruficollis, 224

Turdus assimilis, 259  
*grayi*, 105  
*infuscatus*, 148  
*migratorius*, 28, 188, 192, 224, 259, 272, 395, 478  
*migratorius propinquus*, 39  
*plebejus differens*, 148  
*rufitorques*, 148

Turnstone, 418

Tyrannus tyrannus, 224  
*verticalis*, 36, 224  
*vociferans*, 75, 224, 231  
*vociferans vociferans*, 38

Tyto alba, 242

U

Urubitinga urubitinga, 156

V

van Tienhoven, Ari, and Phillips, Richard E., some physiological correlates of pintail reproductive behavior, 291

Vaurie, Charles, a systematic study of the red-backed hawks of South America, 277

Verdin, 224, 226

Vermivora celata, 37, 224  
*celata celata*, 37  
*celata oreastera*, 37  
*crissalis*, 37  
*luciae*, 224, 232  
*peregrina*, 76  
*ruficapilla*, 224, 232  
*ruficapilla ruficapilla*, 37  
*superciliosa*, 262  
*superciliosa mexicana*, 39  
*superciliosa superciliosa*, 150

Violet-ear, Green, 144

Vireo, 40-68, 273, 505, 507  
*altiloquus*, 45, 47-48, 50-51  
*altiloquus magister*, 45  
*atricapillus*, 43-45, 47-48, 51-53  
*bairdi*, 45, 47-48, 50-51  
*bellii*, 43-45, 47-48, 50-51, 53, 75, 224, 273-275  
*bellii bellii*, 37  
*bellii medius*, 39  
*carmioli*, 45, 47-48, 51, 505, 507-508  
*chivi*, 506-507  
*chivi caucae*, 506

chivi chivi, 506  
 flavirostris, 42-43, 45, 47-48, 50-51, 53, 62, 505, 507  
 flavoviridis, 45, 47-48, 50-51, 53, 262-264, 274, 506-508  
*flavoviridis* *flavoviridis*, 149  
*gilvus*, 43-45, 47, 49-53, 224, 275, 505, 508  
*gilvus swainsonii*, 149  
*griseus*, 43-45, 47-51, 53-54, 64, 505, 507  
*griseus caribaeus*, 45  
*griseus crassirostris*, 45  
*griseus gundlachii*, 45  
*griseus modestus*, 45, 54  
*huttoni*, 43, 45, 47-48, 51, 53, 260  
*huttoni caroliniae*, 37  
*huttoni stephensi*, 37  
*huttoni vulcani*, 149  
*hypochryseus*, 45, 47-48, 50-51, 260-261, 272  
*latimeri*, 44-45, 47-48, 51  
*leucophrys*, 45, 47, 49-51, 53, 505, 508  
*leucophys chiriquensis*, 507  
*nanus*, 43, 45, 47-48, 50-51  
*nelsoni*, 45, 47, 49, 51  
*olivaceus*, 42-45, 47-48, 50-51, 53, 64, 163, 273-276, 505-508  
*osburni*, 43, 45, 47-48, 51, 54  
*pallens*, 45, 47, 48, 51  
*pallens ochraceus*, 45  
*philadelphicus*, 43, 45, 47, 49-51, 53, 505, 507  
*solitarius*, 43, 45-48, 50-51, 53, 62, 224, 275, 505  
*solitarius alticola*, 51  
*solitarius solitarius*, 39, 149  
*vicinior*, 43, 45, 47-49, 51, 53, 505  
**Vireo**, Bell, 37, 44, 47, 49, 75, 224, 273-276  
 Black-capped, 44, 46-47  
 Black-whiskered, 47  
 Brown-capped, 47, 51, 52, 505-506  
*Cozumel*, 47  
*Dwarf*, 47, 49  
*Golden*, 47, 260-261, 272  
*Gray*, 47, 49, 505  
*Hutton*, 37, 43-44, 46-47, 149, 260  
*Latimer*, 44, 47  
*Lawrence*, 47  
*Mangrove*, 47  
*Osburn*, 47  
*Philadelphia*, 47  
*Red-eyed*, 42, 44, 46-47, 163, 273-276, 506  
*Slaty*, 262, 272  
*Solitary*, 43-44, 46-47, 149, 224, 275, 505  
*Warbling*, 47, 149, 224, 227, 229, 275, 505  
*White-eyed*, 44, 47, 49, 505  
*Yellow-green*, 47, 149, 262-263, 274, 506  
*Yellow-throated*, 42, 44, 47, 505  
*Yellow-winged*, 47, 505  
*Vireolanius melitophrys*, 325  
*Volatinia jacarina*, 272  
*Vulture*, Black, 142, 156, 325  
 Turkey, 142, 223, 227, 229, 234-235

**W**

**Warbler**, Audubon, 150, 224-225  
 Black-and-White, 150, 163, 224, 232  
 Blackburnian, 150, 262  
 Black-throated Blue, 164  
 Black-throated Gray, 224  
 Canada, 151  
 Colima, 37  
 Crescent-chested, 150  
 Garden, 20, 30  
 Golden-browed, 151  
 Golden-cheeked, 37  
 Hartlaub, 262  
 Hermit, 150, 225, 232  
 Kentucky, 150  
 Lucy, 224, 232  
*MacGillivray*, 38, 150, 225-227  
*Magnolia*, 224, 232  
*Myrtle*, 150, 224  
*Nashville*, 37, 224, 228, 232  
*Nightingale Reed*, 418, 428-429, 433  
*Orange-crowned*, 37, 224, 227  
*Palm*, 225, 232  
*Pileolated*, 150  
*Pink-headed*, 151  
*Red-faced*, 151  
*Rufous-capped*, 151, 264  
*Townsend*, 150, 224  
*Wilson*, 225-226, 228, 506  
*Yellow*, 187-190, 193, 195, 197, 224, 226  
*Yellow-throated*, 37  
**Warner**, Dwain W., and Dickerman, Robert W., a new orchard oriole from México, 311  
**Waterthrush**, Northern, 138, 150, 225, 232  
**Wauer**, Roland H., a survey of the birds of Death Valley, 220  
**Waxwing**, Cedar, 149, 224  
**Weaver-Finch**, Black-breasted, 416, 418  
**Whimbrel**, 224, 231, 418  
**Whip-poor-will**, 35, 144  
 Ridgway, 161, 254  
**White**, Clayton M., prairie falcon displays accipitrine and circinine hunting methods, 439  
**White-eye**, Bridled, 418, 433-434  
 Truk Greater, 418, 434-435  
**Widgeon**, American, 34, 223, 225  
 European, 223, 230  
**Wiggins**, Ira L., horned lark captured in flight by loggerhead shrike, 78  
**Willet**, 224, 231  
*Wilsonia canadensis*, 151  
*pusilla*, 150, 225, 506  
*pusilla pileolata*, 39, 150  
**Woodcreeper**, Spot-crowned, 145  
**Woodhewer**, Ivory-billed, 255  
 White-striped, 255  
**Wood-partridge**, Buffy-crowned, 143  
**Woodpecker**, Acorn, 145  
 Downy, 126-133  
 Golden-fronted, 36, 57

Golden-naped, 93, 106-107  
Greater Spotted, 132-133  
Hairy, 36, 127-128, 132, 145, 224, 231  
Ladder-backed, 36  
Lesser Spotted, 132, 162  
Lewis, 224-225  
Pileated, 128  
Red-bellied, 57, 128  
Strickland, 324  
  
Wren, Banded, 258  
    Banded-backed, 145, 148, 209  
    Bewick, 37, 224-225  
    Cactus, 36, 199-212  
    Canyon, 258  
    Gray-breasted Wood, 148  
    House, 37, 195, 224, 272  
    Long-billed Marsh, 224-225  
    Northern House, 258  
    Rock, 220, 224  
    Rufous-browed, 148  
    Southern House, 148  
    Winter, 184, 224, 231, 240

## X

Xanthocephalus xanthocephalus, 39, 225  
Xiphorhynchus flavigaster, 255

## Y

Yellowlegs, Greater, 224  
    Lesser, 224, 231  
Yellowthroat, 225-227  
Yocom, Charles F., Crispens, Charles G., Jr., and  
    Buss, Irven O., additional data on food of  
    California quail in eastern Washington, 166

## Z

Zenaida asiatica, 38, 224, 231  
Zenaidura macroura, 165, 224, 251, 478  
    macroura marginella, 38  
Zonotrichia albicollis, 164, 225, 233, 478  
    atricapilla, 225, 232  
    capensis, 135, 152  
    capensis septentrionalis, 152  
leucophrys, 19, 225, 232, 327, 368-378  
leucophrys gambelii, 382, 388  
leucophrys nuttalli, 327, 368, 380, 386-388  
leucophrys oriantha, 378-389  
leucophrys pugetensis, 327, 386, 388  
querula, 164, 225  
Zosterops, 5, 62-63  
    conspicillata owstoni, 416, 418, 433-434, 436  
stenocricota, 62

